

Title (en)

Rapid-chilling or shock-freezing device for pourable products.

Title (de)

Vorrichtung zur Schnelkkühlung oder Schockfrostung von schüttfähigen Produkten.

Title (fr)

Dispositif de réfrigération rapide ou de congélation-choc pour des produits pulvérulents.

Publication

EP 0245708 A2 19871119 (DE)

Application

EP 87106235 A 19870429

Priority

DE 3616117 A 19860513

Abstract (en)

The device has two drums (10, 13), which are arranged one inside the other and in which the products to be treated are transported in countercurrent. Into one of the drums there protrudes a coolant line (18), from which a coolant is sprayed. The device has a short overall length and permits cost-effective utilisation of the coolant with low refrigeration losses. <IMAGE>

Abstract (de)

Die Vorrichtung weist zwei ineinander angeordnete Trommeln (10,13) auf, in denen das zu behandelnde Gut im Gegenstrom transportiert wird. In eine der Trommeln ragt eine Kältemittelleitung (18) hinein, aus der ein Kältemittel versprüht wird.

IPC 1-7

A23L 3/36; **B65G 33/12**; **F25D 3/11**; **F25D 25/04**

IPC 8 full level

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CPC (source: EP)

A23L 3/375 (2013.01); **F25D 3/11** (2013.01); **F25D 25/04** (2013.01); **F25D 2400/30** (2013.01)

Cited by

DE4109900C2; EP0857430A3; EP1306019A4; FR2681314A1; CN112623648A; GB2257240A; AU654561B2; GB2257240B; EP0519578A1; EP0519579A1; EP0372354A3

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DOCDB simple family (publication)

EP 0245708 A2 19871119; **EP 0245708 A3 19890712**; **EP 0245708 B1 19920401**; DE 3616117 A1 19871119; DE 3777872 D1 19920514; DK 165889 B 19930201; DK 165889 C 19930628; DK 238487 A 19871114; DK 238487 D0 19870512

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